

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/588,911
Source: 1FWP
Date Processed by STIC: 8/18/06

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IFWP

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/588,911

DATE: 08/18/2006

TIME: 15:41:20

Input Set : E:\PC32145ASeqList.txt

Output Set: N:\CRF4\08182006\J588911.raw

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3 <110> APPLICANT: Warner-Lambert Company LLC
4     Bove, Susan R
5     Kilgore, Kenneth
7 <120> TITLE OF INVENTION: Methods of Treating Osteoarthritis with IL-6 Antagonists
9 <130> FILE REFERENCE: PC32145A
C--> 11 <140> CURRENT APPLICATION NUMBER: US/10/588,911
C--> 11 <141> CURRENT FILING DATE: 2006-08-09
11 <150> PRIOR APPLICATION NUMBER: 60/543,814
12 <151> PRIOR FILING DATE: 2004-02-11
14 <150> PRIOR APPLICATION NUMBER: PCT/IB2005/000240
15 <151> PRIOR FILING DATE: 2005-01-31
17 <160> NUMBER OF SEQ ID NOS: 12
19 <170> SOFTWARE: PatentIn version 3.3
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22 <211> LENGTH: 636
23 <212> TYPE: DNA
24 <213> ORGANISM: Mus musculus
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31 cccaacagac ctgtctatac cacttcacaa gtcggagggt taattacaca tgttctctgg      180
33 gaaatcgtgg aaatgagaaa agagttgtgc aatggcaatt ctgattgtat gaacaacgat      240
35 gatgcacttg cagaaaacaa tctgaaactt ccagagatac aaagaaatga tggatgctac      300
37 caaactggat ataatcagga aatttgccta ttgaaaattt cctctggtct tctggagtac      360
39 catagctacc tggagtacat gaagaacaac ttaaaagata acaagaaaga caaagccaga      420
41 gtccttcaga gagatacaga aactctaatt catatcttca accaagaggt aaaagattta      480
43 cataaaatag tccttcctac cccaatttcc aatgctctcc taacagataa gctggagtca      540
45 cagaaggagt ggctaaggac caagaccatc caattcatct tgaaatcact tgaagaattt      600
47 ctaaaagtca ctttgagatc tactcggcaa acctag      636
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51 <211> LENGTH: 211
52 <212> TYPE: PRT
53 <213> ORGANISM: Mus musculus
55 <400> SEQUENCE: 2
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61 Leu Met Leu Val Thr Thr Thr Ala Phe Pro Thr Ser Gln Val Arg Arg
62      20      25      30
65 Gly Asp Phe Thr Glu Asp Thr Thr Pro Asn Arg Pro Val Tyr Thr Thr
66      35      40      45
69 Ser Gln Val Gly Gly Leu Ile Thr His Val Leu Trp Glu Ile Val Glu
70      50      55      60
73 Met Arg Lys Glu Leu Cys Asn Gly Asn Ser Asp Cys Met Asn Asn Asp

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77 Asp Ala Leu Ala Glu Asn Asn Leu Lys Leu Pro Glu Ile Gln Arg Asn
78          85          90          95
81 Asp Gly Cys Tyr Gln Thr Gly Tyr Asn Gln Glu Ile Cys Leu Leu Lys
82          100          105          110
85 Ile Ser Ser Gly Leu Leu Glu Tyr His Ser Tyr Leu Glu Tyr Met Lys
86          115          120          125
89 Asn Asn Leu Lys Asp Asn Lys Lys Asp Lys Ala Arg Val Leu Gln Arg
90          130          135          140
93 Asp Thr Glu Thr Leu Ile His Ile Phe Asn Gln Glu Val Lys Asp Leu
94 145          150          155          160
97 His Lys Ile Val Leu Pro Thr Pro Ile Ser Asn Ala Leu Leu Thr Asp
98          165          170          175
101 Lys Leu Glu Ser Gln Lys Glu Trp Leu Arg Thr Lys Thr Ile Gln Phe
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123 cacaacagac cagtatatac cacttcacaa gtcggaggct taattacata tgttctcagg      180
125 gagatcttgg aaatgagaaa agagttgtgc aatggcaatt ctgattgtat gaacagcgat      240
127 gatgcactgt cagaaaacaa tctgaaactt ccagaaatac aaagaaatga tggatgcttc      300
129 caaactggat ataaccagga aatttgccta ttgaaaatct gctctggtct tctggagttc      360
131 cgtttctacc tggagtttgt gaagaacaac ttacaagata acaagaaaga caaagccaga      420
133 gtcattcaga gcaataactga aaccctagtt catatcttca aacaagagat aaaagactca      480
135 tataaaatag tccttcctac cccaacttcc aatgctctcc taatggagaa gttagagtca      540
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144 <212> TYPE: PRT
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147 <400> SEQUENCE: 4
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153 Leu Met Leu Leu Thr Ala Thr Ala Phe Pro Thr Ser Gln Val Arg Arg
154          20          25          30
157 Gly Asp Phe Thr Glu Asp Thr Thr His Asn Arg Pro Val Tyr Thr Thr
158          35          40          45
161 Ser Gln Val Gly Gly Leu Ile Thr Tyr Val Leu Arg Glu Ile Leu Glu
162          50          55          60
165 Met Arg Lys Glu Leu Cys Asn Gly Asn Ser Asp Cys Met Asn Ser Asp

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166 65          70          75          80
169 Asp Ala Leu Ser Glu Asn Asn Leu Lys Leu Pro Glu Ile Gln Arg Asn
170          85          90          95
173 Asp Gly Cys Phe Gln Thr Gly Tyr Asn Gln Glu Ile Cys Leu Leu Lys
174          100          105          110
177 Ile Cys Ser Gly Leu Leu Glu Phe Arg Phe Tyr Leu Glu Phe Val Lys
178          115          120          125
181 Asn Asn Leu Gln Asp Asn Lys Lys Asp Lys Ala Arg Val Ile Gln Ser
182          130          135          140
185 Asn Thr Glu Thr Leu Val His Ile Phe Lys Gln Glu Ile Lys Asp Ser
186 145          150          155          160
189 Tyr Lys Ile Val Leu Pro Thr Pro Thr Ser Asn Ala Leu Leu Met Glu
190          165          170          175
193 Lys Leu Glu Ser Gln Lys Glu Trp Leu Arg Thr Lys Thr Ile Gln Leu
194          180          185          190
197 Ile Leu Lys Ala Leu Glu Glu Phe Leu Lys Val Thr Met Arg Ser Thr
198          195          200          205
201 Arg Gln Thr
202          210
205 <210> SEQ ID NO: 5
206 <211> LENGTH: 639
207 <212> TYPE: DNA
208 <213> ORGANISM: Human
210 <400> SEQUENCE: 5
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215 gcccacaca gacagccact cacctcttca gaacgaattg acaaacaaat tcggtacatc      180
217 ctcgacggca tctcagccct gagaaaggag acatgtaaca agagtaacat gtgtgaaagc      240
219 agcaaagagg cactggcaga aaacaacctg aaccttccaa agatggctga aaaagatgga      300
221 tgcttccaat ctggattcaa tgaggagact tgcctgggtga aaatcatcac tggctctttg      360
223 gagtttgagg tatacctaga gtacctccag aacagatttg agagtagtga ggaacaagcc      420
225 agagctgtgc agatgagtac aaaagtcctg atccagttcc tgcagaaaaa ggcaaagaat      480
227 ctagatgcaa taaccacccc tgacccaacc acaaatgcca gcctgctgac gaagctgcag      540
229 gcacagaacc agtggctgca ggacatgaca actcatctca ttctgcgcag ctttaaggag      600
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235 <211> LENGTH: 212
236 <212> TYPE: PRT
237 <213> ORGANISM: Human
239 <400> SEQUENCE: 6
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245 Gly Leu Leu Leu Val Leu Pro Ala Ala Phe Pro Ala Pro Val Pro Pro
246          20          25          30
249 Gly Glu Asp Ser Lys Asp Val Ala Ala Pro His Arg Gln Pro Leu Thr
250          35          40          45
253 Ser Ser Glu Arg Ile Asp Lys Gln Ile Arg Tyr Ile Leu Asp Gly Ile
254          50          55          60
257 Ser Ala Leu Arg Lys Glu Thr Cys Asn Lys Ser Asn Met Cys Glu Ser

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262					85					90					95	
265	Glu	Lys	Asp	Gly	Cys	Phe	Gln	Ser	Gly	Phe	Asn	Glu	Glu	Thr	Cys	Leu
266				100					105					110		
269	Val	Lys	Ile	Ile	Thr	Gly	Leu	Leu	Glu	Phe	Glu	Val	Tyr	Leu	Glu	Tyr
270			115					120					125			
273	Leu	Gln	Asn	Arg	Phe	Glu	Ser	Ser	Glu	Glu	Gln	Ala	Arg	Ala	Val	Gln
274		130					135					140				
277	Met	Ser	Thr	Lys	Val	Leu	Ile	Gln	Phe	Leu	Gln	Lys	Lys	Ala	Lys	Asn
278	145					150					155					160
281	Leu	Asp	Ala	Ile	Thr	Thr	Pro	Asp	Pro	Thr	Thr	Asn	Ala	Ser	Leu	Leu
282					165					170					175	
285	Thr	Lys	Leu	Gln	Ala	Gln	Asn	Gln	Trp	Leu	Gln	Asp	Met	Thr	Thr	His
286			180						185					190		
289	Leu	Ile	Leu	Arg	Ser	Phe	Lys	Glu	Phe	Leu	Gln	Ser	Ser	Leu	Arg	Ala
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307	gccaccgtta	ccctgatttg	ccccgggaag	gaagcagcag	gcaatgttac	cattcactgg										180
309	gtgtactctg	gctcacaaaa	cagagaatgg	actaccacag	gaaacacact	ggttctgagg										240
311	gacgtgcagc	tcagcgacac	tggggactat	ttatgctccc	tgaatgatca	cctgggtgggg										300
313	actgtgccct	tgctgggtgga	tggtccccca	gaggagccca	agctctcctg	cttcgggaag										360
315	aaccccttg	tcaacgccat	ctgtgagtgg	cgtccgagca	gcacccctc	tccaaccacg										420
317	aagggtgtgc	tgtttgcaaa	gaaaatcaac	accaccaacg	ggaagagtga	cttcagggtg										480
319	ccctgccagt	attctcagca	gctgaaaagc	ttctcctgcc	aggtggagat	cctggagggt										540
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323	cacaacgaag	cgtttcacag	cttaaaaatg	gtgcagccgg	atccacctgc	caacctgtg										660
325	gtatcagcca	tacctggaag	gccgcgctgg	ctcaaagtca	gctggcagca	ccctgagacc										720
327	tgggaccgga	gttactactt	gctgcagttc	cagcttcgat	accgacctgt	atggtcaaag										780
329	gagttcacgg	tggtgctgct	cccgggtggc	cagtaccaat	gcgtcatcca	tgatgccttg										840
331	cgaggagtga	agcacgtggt	ccaggtccgt	gggaaggagg	agcttgacct	tggtccagtg										900
333	agtgaatggg	ccccagaggt	cacgggcact	ccttgatag	cagagcccag	gaccaccccg										960
335	gcaggaatcc	tctggaaccc	cacacaggtc	tctgttgaa	actctgccaa	ccacgaggat										1020
337	cagtacgaaa	gttctacaga	agcaacgagt	gtcctcgccc	cagtgcaaga	atcctcgtcc										1080
339	atgtccctgc	ccacattcct	ggtagctgga	ggaagcttgg	cgtttgggtt	gcttctctgt										1140
341	gtcttcatca	tcctgtgttg	ggagccgcgc	ccacattcgc	cgttacaaga	tggtcgctgac										1200
343	agctgtgttc	taagtgttaa	acaaataatc	tgcgcagtgt	ccgagggtgg	ttctccactc										1260
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347	tga															1323
350	<210>	SEQ ID NO: 8														
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352 <212> TYPE: PRT
353 <213> ORGANISM: Mus musculus
355 <400> SEQUENCE: 8
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365 Gly Thr Val Thr Ser Leu Pro Gly Ala Thr Val Thr Leu Ile Cys Pro
366 35 40 45
369 Gly Lys Glu Ala Ala Gly Asn Val Thr Ile His Trp Val Tyr Ser Gly
370 50 55 60
373 Ser Gln Asn Arg Glu Trp Thr Thr Thr Gly Asn Thr Leu Val Leu Arg
374 65 70 75 80
377 Asp Val Gln Leu Ser Asp Thr Gly Asp Tyr Leu Cys Ser Leu Asn Asp
378 85 90 95
381 His Leu Val Gly Thr Val Pro Leu Leu Val Asp Val Pro Pro Glu Glu
382 100 105 110
385 Pro Lys Leu Ser Cys Phe Arg Lys Asn Pro Leu Val Asn Ala Ile Cys
386 115 120 125
389 Glu Trp Arg Pro Ser Ser Thr Pro Ser Pro Thr Thr Lys Ala Val Leu
390 130 135 140
393 Phe Ala Lys Lys Ile Asn Thr Thr Asn Gly Lys Ser Asp Phe Gln Val
394 145 150 155 160
397 Pro Cys Gln Tyr Ser Gln Gln Leu Lys Ser Phe Ser Cys Gln Val Glu
398 165 170 175
401 Ile Leu Glu Gly Asp Lys Val Tyr His Ile Val Ser Leu Cys Val Ala
402 180 185 190
405 Asn Ser Val Gly Ser Lys Ser Ser His Asn Glu Ala Phe His Ser Leu
406 195 200 205
409 Lys Met Val Gln Pro Asp Pro Pro Ala Asn Leu Val Val Ser Ala Ile
410 210 215 220
413 Pro Gly Arg Pro Arg Trp Leu Lys Val Ser Trp Gln His Pro Glu Thr
414 225 230 235 240
417 Trp Asp Pro Ser Tyr Tyr Leu Leu Gln Phe Gln Leu Arg Tyr Arg Pro
418 245 250 255
421 Val Trp Ser Lys Glu Phe Thr Val Leu Leu Pro Val Ala Gln Tyr
422 260 265 270
425 Gln Cys Val Ile His Asp Ala Leu Arg Gly Val Lys His Val Val Gln
426 275 280 285
429 Val Arg Gly Lys Glu Glu Leu Asp Leu Gly Gln Trp Ser Glu Trp Ser
430 290 295 300
433 Pro Glu Val Thr Gly Thr Pro Trp Ile Ala Glu Pro Arg Thr Thr Pro
434 305 310 315 320
437 Ala Gly Ile Leu Trp Asn Pro Thr Gln Val Ser Val Glu Asp Ser Ala
438 325 330 335
441 Asn His Glu Asp Gln Tyr Glu Ser Ser Thr Glu Ala Thr Ser Val Leu
442 340 345 350
445 Ala Pro Val Gln Glu Ser Ser Ser Met Ser Leu Pro
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L:11 M:270 C: Current Application Number differs, Replaced Current Application No

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date